



ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY



 **Office of
Science**
U.S. DEPARTMENT OF ENERGY

Washington, D.C. Seminar Series to Highlight Current Scientific Computing Issues

Researchers in the Computational Research Division at Lawrence Berkeley National Laboratory are using their expertise to address some of the most important computational problems facing the nation. These challenges range from developing new tools to better access massive datasets to bringing new perspectives to the visualization of that data, and from advancing cybersecurity to developing complex scientific simulation applications.

Berkeley Lab researchers will present a series of five seminars for Washington-based program managers highlighting key challenges in computational science, high-performance computing and networking. The monthly seminars will be held from February to June 2005.

All presentations will begin at 9 a.m. in the LBNL Projects Office in Washington, D.C., which is located in the Aerospace Center, 901 D Street, SW, Suite 950. The office is across D Street from L'Enfant Plaza. Directions can be found at <http://www.lbl.gov/Washington/wash-map-page.html>.

Thursday, February 17, 2005

"Finding the Unknown in a Sea of Data: Leveraging Human Intuition with Scientific Visual Data Analysis"

Wes Bethel (<http://vis.lbl.gov/Vignettes/>)

Friday, March 11, 2005

"The Integrated Microbial Genomes (IMG) System: A Case Study in Building Biological Data Management Systems in an Academic Setting"

Victor Markowitz and Nikos Kyrpides (<http://crd.lbl.gov/html/BDMTC/>)

Friday, April 22, 2005

"Expanding Cybersecurity and Infrastructure Beyond the Enclave Border"

Deb Agarwal (<http://www.dsd.lbl.gov/>)

Wednesday, May 11, 2005

"Scientific Data Management: Essential Technology for Data-Intensive Science"

Arie Shoshani (<http://sdm.lbl.gov/>)

Friday, June 10, 2005

"Can Simulation Help Us Learn How Flames Really Work?"

John Bell (<http://seesar.lbl.gov/ccse>)

For more information about the seminar series, contact Jon Bashor at JBashor@lbl.gov or 510-486-5849.

